

# Anti-alpha 1 Spectrin Rabbit Monoclonal Antibody

Catalog # ABO15776

## Product Information

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|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB, IF, ICC, FC                                                                                                                                    |
| <b>Primary Accession</b> | <a href="#">P02549</a>                                                                                                                             |
| <b>Host</b>              | Rabbit                                                                                                                                             |
| <b>Isotype</b>           | IgG                                                                                                                                                |
| <b>Reactivity</b>        | Rat, Human, Mouse                                                                                                                                  |
| <b>Clonality</b>         | Monoclonal                                                                                                                                         |
| <b>Format</b>            | Liquid                                                                                                                                             |
| <b>Description</b>       | Anti-alpha 1 Spectrin Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat. |

## Additional Information

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| <b>Gene ID</b>             | 6708                                                                                                                                       |
| <b>Other Names</b>         | Spectrin alpha chain, erythrocytic 1, Erythroid alpha-spectrin, SPTA1, SPTA                                                                |
| <b>Calculated MW</b>       | 280014                                                                                                                                     |
| <b>Application Details</b> | WB 1:500-1:2000<br>ICC/IF 1:50-1:200<br>FC 1:100                                                                                           |
| <b>Source</b>              | Eukaryota                                                                                                                                  |
| <b>Contents</b>            | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                        |
| <b>Clone Names</b>         | Clone: 23S53                                                                                                                               |
| <b>Immunogen</b>           | A synthesized peptide derived from human alpha 1 Spectrin                                                                                  |
| <b>Purification</b>        | Affinity-chromatography                                                                                                                    |
| <b>Storage</b>             | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |

## Protein Information

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|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>     | SPTA1                                                                                                                                                   |
| <b>Synonyms</b> | SPTA                                                                                                                                                    |
| <b>Function</b> | Spectrin is the major constituent of the cytoskeletal network underlying the erythrocyte plasma membrane. It associates with band 4.1 and actin to form |

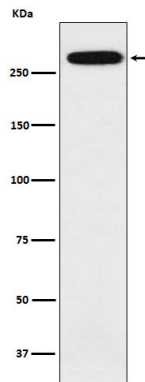
the cytoskeletal superstructure of the erythrocyte plasma membrane.

#### Cellular Location

Cytoplasm, cytoskeleton. Cytoplasm, cell cortex.

#### Images

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Western blot analysis of alpha 1 Spectrin expression in K562 cell lysate.

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